

Converting Colors

XYZ(41.1867, 32.8217, 38.6672)

Have a look what the booklet for
XYZ(41.1867, 32.8217, 38.6672)
contains.

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Color

**XYZ(41.2929, 32.9747,
38.8387)**

Conversions

Conversions Part 1

Format	Color
Hex	D185A3
RGB	209, 133, 163
RGB Percent	82%, 52%, 64%
CMY	0.1804, 0.4784, 0.3608
CMYK	0.00, 0.36, 0.22, 0.18
HSL	336°, 45%, 67%
HSV	336°, 36%, 82%
XYZ	41.2929, 32.9747, 38.8387
YIQ	159.1440, 35.6660, 25.4420

Conversions

Conversions Part 2

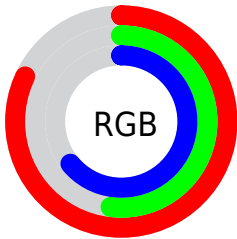
Format	Color
R_{YB}	209, 133, 163
Decimal	13731235
CIE _{Lab}	64.14, 33.26, -3.67
CIE _{LCh}	64, 33.457, 353.708
Yxy	32.9747, 0.3651, 0.2915
Android (android.graphics.Color)	4291921315 (0xFFD185A3)
YUV	159.1440, 1.9010, 43.7237
Hunter-Lab	57.4236, 27.8668, 0.0955

Details

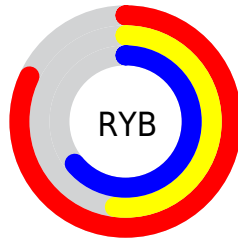
The XYZ color **41.2929, 32.9747, 38.8387** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.6115, 53.8431, 50.9028**, and the grayscale version is **33.0015, 34.7201, 37.8102**.

A 20% lighter version of the original color is **71.6652, 61.8626, 74.4932**, and **19.0234, 13.9546, 16.7298** is the 20% darker color. If you saturate the color by 10%, you get **37.6337, 27.3803, 32.3036**, and if you desaturate by 10%, it is **45.6367, 39.7562, 46.1622**.

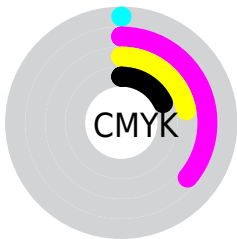
Distribution



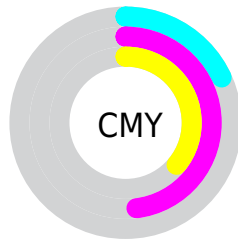
- Red (82%)
- Green (52%)
- Blue (64%)



- Red (82%)
- Yellow (52%)
- Blue (64%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (18%)





- Cyan (18%)
- Magenta (48%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2929, 32.9747, 38.8387 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 41.2929, 32.9747, 38.8387 by changing the saturation by 10% instead.


 41.2929, 32.9747,
38.8387


 41.2929, 32.9747,
38.8387

342.5850,
315.5357, 356.6097


 28.7367, 22.1071,
26.3274


 76.4002, 64.3360,
74.6095

 19.0250, 13.9356,
16.8408


 99.6821, 85.5985,
98.7060

 11.7925, 8.0759,
9.9603


 127.2698,
111.0947, 127.5014

 6.6737, 4.1435,
5.2674

159.5289,
141.2091, 161.4142

 3.3034, 1.7542,
2.3435

196.8246,
176.3260, 200.8628

 1.3162, 0.4584,
0.7554

239.5223,

 0.1953, 0.0000,

216.8298, 246.2659

0.0000

287.9873,
263.1049, 298.0420

■ 0.0000, 0.0000,
0.0000

■ 41.2929, 32.9747,
38.8387

■ 41.2929, 32.9747,
38.8387

■ 37.6337, 27.3803,
32.3036

■ 45.6367, 39.7562,
46.1622

■ 34.6190, 22.8990,
26.5261

■ 50.6965, 47.7835,
54.2991

■ 32.2087, 19.4559,
21.4761


■ 56.5053, 57.1173,
63.2760


■ 30.3568, 16.9648,
17.1202


■ 63.0930, 67.8128,
73.1172


■ 29.0100, 15.3253,
13.4216


■ 70.4878, 79.9219,
83.8461

 28.1014, 14.4102,
10.3378

 77.6206, 91.3018,
95.1200

 27.8365, 14.1721,
9.3498

 79.5550, 92.0755,
105.3063

 80.1047, 92.2954,
108.2006

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.2697, 32.9747, 53.6596



41.2929, 32.9747, 38.8387



40.4411, 32.9747, 26.4049

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.2929, 32.9747, 38.8387



27.8205, 32.9747, 16.9267



26.2542, 32.9747, 61.2955

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.2929, 32.9747, 38.8387



40.6115, 53.8431, 50.9028

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.7208, 32.9747, 47.4447



41.2929, 32.9747, 38.8387



24.5593, 32.9747, 22.5732

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.2929, 32.9747, 38.8387



32.3501, 32.9747, 15.7185



23.1330, 32.9747, 33.1207



30.3540, 32.9747, 68.5682

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.2929, 32.9747, 38.8387



38.3962, 32.9747, 20.7292



23.1330, 32.9747, 33.1207



25.2085, 32.9747, 57.1092

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.2938, 32.9763, 38.8394



84.1312, 82.3451, 92.3654



38.3956, 30.9164, 64.2658



17.7417, 17.1984, 19.3585



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2938, 32.9763, 38.8394



60.0113, 44.4365, 52.4760



39.9954, 34.1824, 26.6821



11.9992, 11.8844, 13.2717



17.2085, 8.7562, 6.0039



1.0008, 0.5050, 0.5390

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.2938, 32.9763, 38.8394



60.0113, 44.4365, 52.4760



42.1626, 51.5510, 68.0501



11.9992, 11.8844, 13.2717



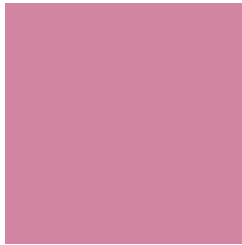
17.2085, 8.7562, 6.0039



1.0008, 0.5050, 0.5390

Previews

White Background



This preview shows how the XYZ color 41.2929, 32.9747, 38.8387 looks on a white background.

Color Contrast Check

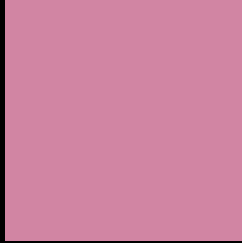
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.2929, 32.9747, 38.8387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

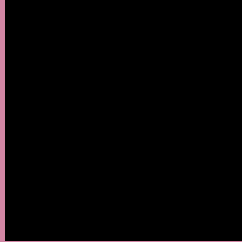
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2929, 32.9747, 38.8387

Background



This preview shows how black text looks on a background with the XYZ color 41.2929, 32.9747, 38.8387.



This preview shows how white text looks on a background with the XYZ color 41.2929, 32.9747,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.2929, 32.9747, 38.8387

Protanopia

32.6947, 33.3496, 45.7882

Deuteranopia

33.7740, 33.1063, 37.8678



Tritanopia

39.7246, 32.9490, 31.4602

Trichromacy



Original Color

41.2929, 32.9747, 38.8387

Protanomaly

35.0180, 32.6919, 42.9926

Deuteranomaly

36.1734, 32.7101, 38.1253

Tritanomaly

40.3439, 33.0048, 33.9500

Monochromacy



Original Color

41.2929, 32.9747, 38.8387

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.3830, 33.6979, 37.8972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2929, 32.9747, 38.8387 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(209, 133, 163)` looks like.

```
.text, #text, p{  
    color:rgb(209, 133, 163)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(209, 133, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 133, 163) }
```

Border

The CSS property to change the border of an element to XYZ 41.2929, 32.9747, 38.8387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 133, 163) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(209, 133, 163) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(209, 133, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 133, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 133, 163);  
box-shadow:4px 4px 4px 4px rgb(209, 133,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2929, 32.9747, 38.8387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 133, 163) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(209,  
133, 163) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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